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PATENT

ATTORNEY DOCKET NO. CHEM1110

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Jay Leng  
Serial No.: 09/619,047  
Filed: July 19, 2000  
Title: PROTEASE SPECIFIC CLEAVABLE LUCIFERASES AND METHODS OF USE  
THEREOF

Art Unit: 1642  
Examiner: Unassigned

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Commissioner for Patents  
Office of Initial Patent Examination  
Customer Service Center  
Washington, D.C. 20231

JUL 26 2001

TECH CENTER 1600/2900

TRANSMITTAL LETTER

Sir:

Transmitted herewith for filing in connection with the above-identified patent application,  
please find the following:

- (1) Request for Corrected Filing Receipt (2 pgs);
- (2) Copy of Filing Receipt reflecting changes (3 pgs);
- (3) Copy of Patent Application Transmittal Sheet (3 pgs);
- (4) Copy of Return Postcard dated July 19, 2000; and
- (5) Return postcard.

CERTIFICATION UNDER 37 CFR §1.8

I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service as first class mail on this date, 3-16-01, in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231

Yinna Najar  
(Name of Person mailing Paper)

Diana R. Cary  
(Signature of Person Mailing Paper)

3-16-01  
Date

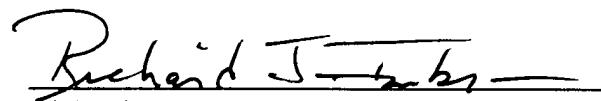
In re Application of:  
Jay Leng  
Application No.: 09/619,047  
Filed: July 19, 2000  
Page 2

PATENT  
Attorney Docket No.: **CHEM1110**

No fee is deemed necessary in connection with the filing of this paper. However, if any fee is required, the Commissioner is hereby authorized to charge the amount of this fee, or credit any overpayments, to Deposit Account No. 50-1355. A copy of this Transmittal Letter is enclosed.

Respectfully submitted,

Date: March 16, 2001

  
Richard J. Imbra  
Registration No. 37,643  
Telephone: (858) 677-1496  
Facsimile: (858) 677-1465

GRAY CARY WARE & FREIDENRICH LLP  
4365 Executive Drive, Suite 1600  
San Diego, California 92121-2189



PATENT  
ATTORNEY DOCKET NO. **CHEM1110**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Jay Leng  
Serial No.: 09/619,047  
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Art Unit: 1642  
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Commissioner for Patents  
Office of Initial Patent Examination  
Customer Service Center  
Washington, D.C. 20231

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JUL 26 2001  
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**REQUEST FOR CORRECTION OF FILING RECEIPT**

Sir:

This Communication is submitted to request correction of the filing receipt in reference to the above-identified application. The data requiring correction is indicated in yellow highlight on the attached copy of the filing receipt and herein in **BOLD**.

CERTIFICATION UNDER 37 CFR §1.8

I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service as first class mail on this date, 3-16-01, in an envelope addressed to:  
Commissioner for Patents, Washington, D.C. 20231

*Yinfa Nayar*  
(Name of Person mailing Paper)

*Duan A G*  
(Signature of Person Mailing Paper)

3-16-01  
Date

In re Application of:  
Jay Leng  
Application No.: 09/619,047  
Filed: July 19, 2000  
Page 2

PATENT  
Attorney Docket No.: **CHEM1110**

IN THE FILING DATE:

Please correct the filing date from "July 18, 2000" to **-July 19, 2000--**.

IN THE TITLE:

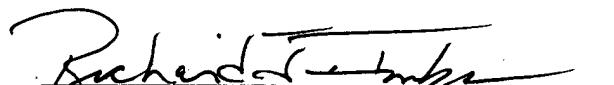
Please add the missing information in the title. The title should read as follows **-Protease Specific Cleavable Luciferases and Methods of Use Thereof--**.

Applicant accordingly requests the correction be made of record.

No fee is deemed necessary in connection with the filing of this paper. However, if any fee is required, the Commissioner is hereby authorized to charge the amount of this fee, or credit any overpayments, to Deposit Account No. 50-1355.

Respectfully submitted,

Date: March 16, 2001



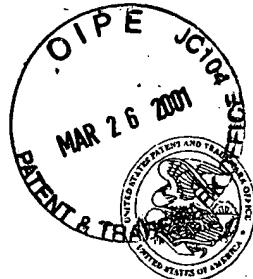
Richard J. Imbra  
Registration No. 37,643  
Telephone: (858) 677-1496  
Facsimile: (858) 677-1465

GRAY CARY WARE & FREIDENRICH LLP  
4365 Executive Drive, Suite 1600  
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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/619,047	07/18/2000	1642	1200	CHEM1110	6	65	9

July 19, 2000

FILING RECEIPT

Lisa A Haile PhD  
Gray Cary Ware & Freidenrich LLP  
4365 Executive Drive  
Suite 1600  
San Diego, CA 92121-2189



\*OC000000005803413\*

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MAR 08 2001

GRAYCARY/GT/PATENT

Date Mailed: 02/26/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Jay Leng, San Diego, CA ;

Continuing Data as Claimed by Applicant

Foreign Applications

If Required, Foreign Filing License Granted 11/17/2000

\*\* SMALL ENTITY \*\*

Title

Protease specific cleavable luciferases and methods *OF USE THEREOF*

Preliminary Class

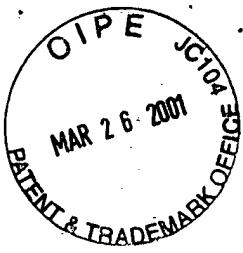
435

Data entry by : ROBINSON, YOLANDA

Team : OIPE

Date: 02/26/2001





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**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

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The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 36 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

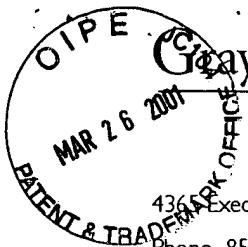
No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15 (b).

**PLEASE NOTE the following information about the Filing Receipt:**

- The articles such as "a," "an" and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.
- The words "new," "improved," "improvements in" or "relating to" are not included as first words in the title of an application because a patent application, by nature, is a new idea or improvement.
- The title may be truncated if it consists of more than 600 characters (letters and spaces combined).
- The docket number allows a maximum of 25 characters.
- If your application was submitted under 37 CFR 1.10, your filing date should be the "date in" found on the Express Mail label. If there is a discrepancy, you should submit a request for a corrected Filing Receipt along with a copy of the Express Mail label showing the "date in."
- The title is recorded in sentence case.

Any corrections that may need to be done to your Filing Receipt should be directed to:

**Assistant Commissioner for Patents  
Office of Initial Patent Examination  
Customer Service Center  
Washington, DC 20231**



# Gray Cary Ware & Freidenrich LLP

TECHNOLOGY'S LEGAL EDGE<sup>SM</sup>

4365 Executive Drive, Suite 1600, San Diego, CA 92121-2189

Phone 858-677-1400 Fax 858-677-1465 www.graycary.com

EXPRESS MAIL number: EL617036270US

Date of Deposit July 19, 2000

I hereby certify that this paper is being deposited with the United States Postal Service "EXPRESS MAIL Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to BOX PATENT APPLICATION, Commissioner for Patents; Washington, DC 20231.

Mikhail Bayley

(Name of Person Mailing Paper)

(Signature of Person Mailing Paper)

ATTORNEY DOCKET NO.: CHEM1110

**BOX PATENT APPLICATION**  
COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application of:

APPLICANT(s): Jay Leng

FOR: PROTEASE SPECIFIC CLEAVABLE LUCIFERASES AND METHODS  
OF USE THEREOF

Enclosed are the following papers, including all those required to receive a filing date under 37 CFR § 1.53(b):

Number of Pages

Specification	30
Claims (1-65)	7
Abstract	1
Cover Page	1
Declaration ( <i>unsigned</i> )	3
Drawings ( <i>informal</i> )	6

Gray Cary Ware & Freidenrich LLP

Docket No.: CHEM1110

Box Patent Application

July 19, 2000

Page 2

Enclosures:

- Verified Statement Under 37 CFR § 1.821(f) (*unsigned*)
- Sequence Listing (14-pg.)
- Statement Under 37 C.F.R. §§ 1.821(f) and (g)
- Computer-readable disk containing Sequence Listing
- Return-addressed postcard

The filing fee is calculated as follows. Small Entity status is claimed.

(1) For	(2) Number filed	(3) Number extra	(4) Large Entity Rate	(5) Small Entity Rate	(6) Calculations
Basic Filing Fee	XX	XX	\$ 690.00	\$345.00	\$ 345.00
Total Claims	65 - 20 =	45	X \$ 18.00	X \$ 9.00	\$ 405.00
Independent Claims	10 - 3 =	7	X \$ 78.00	X \$ 39.00	\$ 273.00
Multiple Dependent Claim(s) (if applicable)			\$ 260.00	\$130.00	\$ 130.00
	Total of above Calculations =				\$ 1153.00

Please defer the payment of the filing fee until the filing of the declaration. Please charge Deposit Account No.50-1355 for any fees believed to be due **EXCEPT FOR THE FILING FEE** or credit any overpayment.

If this application is found to be INCOMPLETE, or if a telephone conference would otherwise be helpful, please call the undersigned at (858) 677-1456.

All future correspondence should be addressed to:

Lisa A. Haile, Ph.D.

Gray Cary Ware & Freidenrich LLP

4365 Executive Drive, Suite 1600

San Diego, CA 92121-2189

Telephone: (858) 677-1456

Facsimile: (858) 677-1465

Gray Cary Ware & Freidenrich LLP

Docket No.: CHEM1110

Box Patent Application

July 19, 2000

Page 3

A duplicate copy of this letter is enclosed. Kindly acknowledge receipt of this application by returning the enclosed postcard.

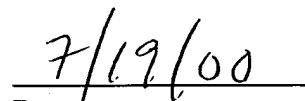
Respectfully submitted,

Gray Cary Ware & Freidenrich LLP



Lisa A. Haile, Ph.D.

Registration No. 38,347



Date

Enclosures

PATENT ATTORNEY DOCKET NO.: CHEM1110

The Patent and Trademark Office date stamp sets forth the receipt date (or both the receipt date and the Serial Number) of a patent application identified as follows:

Applicant or Pattee Jay Leng

Filing or Issue Date July 19, 2000

Title PROTEASE SPECIFIC CLEAVABLE LUCIFERASES AND METHODS...

Transmittal Letter: New CIP CONT DIV CPA (circle one)  
 Appln Pages of Spec. 30 Pages of Claims 7 Total Claims 65 Pages of Abstract 1  
 Application Cover Sheet  Small Entity Statement (unsigned)  
 Assignment Pages  Assignment Recordal Cover Sheet Pages  
 Application Data Sheet  
 Check \$  
 Drawings Sheets Formal 6 Sheets Informal  
 Declaration signed X unsigned  Power of Attorney  
 Preliminary Amendment Pages  
 Information Disclosure Statement [Place Express Mail Label Here]  
 PTO 1449 Form Pages  
 Prior Art References-Number of References  
 Priority Document Pages  English Translation  
 Other 2 Statements re Sequence, 14-Pg. Sequence Listing and disk containing Sequence

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Date 7/19/00

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PATENT ATTORNEY DOCKET NO.: CHEM1110

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Applicant or Pattee Jay Leng

Filing or Issue Date July 19, 2000

Title PROTEASE SPECIFIC CLEAVABLE LUCIFERASES AND METHODS...

Transmittal Letter: New CIP CONT DIV CPA (circle one)  
 Appln Pages of Spec. 30 Pages of Claims 7 Total Claims 65 Pages of Abstract 1  
 Application Cover Sheet  Small Entity Statement RE-Signed  Power of Attorney  
 Assignment Pages  Assignment Recordal Cover Sheet Pages  
 Application Data Sheet  
 Check \$  
 Drawings Sheets Formal 6 Sheets Informal GRAY CARY/GT PATENT  
 Declaration signed X unsigned  Power of Attorney  
 Preliminary Amendment Pages  
 Information Disclosure Statement JC808 U.S. PTO Express Mail Label Here  
 PTO 1449 Form Pages  
 Prior Art References-Number of References  
 Priority Document Pages 07/18/00 English Translation  
 Other 2 Statements re Sequence, 14-Pg. Sequence Listing and disk containing Sequence

Atty/Sec. Initials LAH/JRB Client/Matter Name 105175-159907

Date 7/19/00

rhj



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GRAY CARY WARE & FREIDENRICH  
4365 EXECUTIVE DR STE 1600  
SAN DIEGO CA 92121-2101

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